

**METHOD AND SYSTEM FOR MODELING A TELECOMMUNICATION
NETWORK**

ABSTRACT OF THE DISCLOSURE

5 A technique for modeling a telecommunication network, such as a network of processors employed in a mobile switching center (MSC), is described. The modeling technique may derive outputs, such as bandwidth utilization, message load distribution, and processor utilization. To derive these outputs, the modeling technique may be provided inputs, such as a call model, network configuration, MSC
10 architecture, and processor-specific data. The input and outputs of the modeling technique may be provided by various interfaces, including a graphical user interface (GUI).